

REMARKS

I. Support For The Claim Amendments And New Claim

Applicants have canceled claim 31 and added claim 54. Canceled claim 31 recited a server configuration in the preamble, but the body of the claim was drawn to a method. Applicants have therefore rewritten the claim, now presented as claim 54, to properly recite a server configuration. Applicants have amended claim 32 that it now depends from new claim new claim 54. Support for new claim 54 can be found throughout the specification and originally filed claims, in particular claim 1 as filed. Support for new claim 54 can also be found in the application, for example, at least in paragraphs [00017], [00021], and [00023].

No new matter has been introduced by way of these amendments, and their entry is respectfully requested.

II. Response to Restriction requirement

In response to the restriction requirement set forth in the Office Action mailed 22 September 2005, Applicants hereby elect Group I which includes claims 1-30 and 32, and further includes new claim 54. This election is made with traverse.

In response to the election of species requirement, for Group A, Applicants provisionally elect 'nucleic acids' from among the products listed in claim 4. Claims readable on this election are 1-30, 32, and 54. This election is made with traverse, as Applicants assert that methods of procuring of all of the biologically related products can be searched together without undue burden. For Group B, applicants provisionally elect 'gene name'. Claims readable on this election are 1-30, 32, and 54. This election is made with traverse, as Applicants assert that methods that produce extracts including all of the named loci can be searched together without undue burden on the Examiner. For Group C, Applicants provisionally elect 'organism'. Claims readable on this election are 1-30, 32, and 54. This election is made with traverse, as Applicants assert that methods that include inputting all of the biological loci listed in the claim can be

searched together without undue burden on the Examiner. For Group D, Applicants provisionally elect 'the EBI GOA project'. Claims readable on this election are 1-30, 32, and 54. This election is made with traverse, as Applicants assert that methods that access all of the listed databases can be searched together without undue burden on the Examiner.

CONCLUSION

Applicants have canceled claim 31 and have added claim 54 by Preliminary Amendment. Applicants have also amended claim 32 to change its dependency from canceled claim 31 to new claim 54. No new matter has been introduced by the amendments to the claims.

Applicants elect Group I while traversing the requirement for restriction. Applicants also traverse the requirements to elect species.

Should the Examiner believe that further discussion of any remaining issues would advance the prosecution, she is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

November 21, 2006

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